



CELEBRATING  
OUR CENTENARY



ENGINEERS  
AUSTRALIA

# Hall of Fame Inductees

## Engineering Heritage Queensland

### John Job Crew BRADFIELD CMG

*MIEAust*

1867 - 1943

**INDUCTED IN 2007**

Bradfield worked on the analysis of the entries for a Sydney Harbour crossing competition in 1900 and was secretary of the Advisory Board for the second competition in 1902.

Bradfield submitted a full account of his work on the Sydney Harbour Bridge and the City Railway Scheme as his thesis for the degree of Doctor of Science (Engineering) which was awarded in 1925 by Sydney University with Honours and the University Gold Medal and the Sulman Prize for Architecture.

John J C Bradfield was born in Sandgate, Queensland, and was educated at Ipswich North Primary School and Ipswich Grammar School.

After a year in the Queensland Railways he returned to Sydney as a draftsman in the Public Works Department in 1891 and his 1915 report "Proposed Electric Railways for Sydney" was incorporated into the City and Suburban Railways Act.

In 1933, he was appointed as consulting engineer for the Brisbane River Bridge Board for the Story Bridge and for the University of Queensland Building Committee.

His last grand proposal was for diverting the east coast rivers of North Queensland into the western rivers for irrigation, which is still known as the Bradfield Scheme.

Although Bradfield's engineering contact with Queensland spanned only ten years, he had a lasting effect on engineering excellence in the state.

He trained many able Queensland engineers who in later years undertook major engineering works.

He was a brilliant engineer whose ambition and dreams produced a masterpiece of engineering and he trained others to carry on this tradition.

[engineersaustralia.org.au](http://engineersaustralia.org.au)